

Declaration of Performance

According to Annex III of Regulation no. 305/2011

DOP No. JUSL/1.4162/CR

Website: www.jindalunitedsteel.com

Sr. No	Performance Particulars	Description	
1	Unique identification code of the product-type	Continuously cold-rolled wide strip and plate/sheet, grade EN 1.4162, according to EN 10088-4:2009	
2	Intended use:	Metal structures or in composite metal and concrete structures	
3	Manufacturer:	Jindal United Steel Limited Kalinga Nagar Industrial Complex, Duburi Dist-Jajpur, Odisha-755026, India	
4	Authorized representative:	HOD Quality Assurance Department Jindal United Steel Limited Kalinga Nagar Industrial Complex, Duburi Dist-Jajpur, Odisha-755026, India	
5	System of AVCP	2+	
6	Harmonized Standard	EN 10088-4: 2009	
	Notified Body	TÜV NORD Systems GmbH & Co. KG, Hamburg, Germany Reg. No. 0045	
7	Declared Performance/s:		
Essential Characteristics		Performance	Harmonized Technical specification
Tolerances on dimensions and shape		DIN EN ISO 9445-2	EN 10088-4:2009, clause 6.9
Elongation (%)		Minimum 30 (≥3MM Thickness) Minimum 20 (< 3MM Thickness) (transverse)	EN 10088-4:2009, clause 6.5.1
Tensile strength (Mpa)		700 to 900	
0,2%-proof strength (yield strength) (Mpa)		Minimum 530 (transverse)	
Impact strength (Joule)		-	
Weldability		Covered by chemical composition	EN 10088-4:2009, clause 6.3
Durability		Covered by chemical composition	EN 10088-4:2009, clause 6.3 & 6.4
Fracture toughness/brittle strength		Covered by impact strength	EN 10088-4:2009, clause 6.5.1
Cold formability		Covered by elongation	EN 10088-4:2009, clause 6.8
Dangerous Substance		< 100 PPM	EN 10088-4:2009, clause 10

The performance of the product identified above is in conformity with the set of declared performance/s. This Declaration of Performance is issued, in accordance with Regulation (EU) No. 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Nagaraj Kallianpur Nayak
At Jajpur, Odisha on 08.08.2025



Declaration of Performance

According to Annex III of Regulation no. 305/2011

DOP No. JUSL/1.4162/HR/S

Website: www.jindalunitedsteel.com

Sr. No	Performance Particulars	Description
1	Unique identification code of the product-type	Continuously hot-rolled wide strip and plate/sheet, grade EN 1. 4162, according to EN 10088-4:2009
2	Intended use:	Metal structures or in composite metal and concrete structures
3	Manufacturer:	Jindal United Steel Limited Kalinga Nagar Industrial Complex, Duburi Dist-Jajpur, Odisha-755026, India
4	Authorized representative:	HOD Quality Assurance Department Jindal United Steel Limited Kalinga Nagar Industrial Complex, Duburi Dist-Jajpur, Odisha-755026, India
5	System of AVCP	2+
6	Harmonized Standard	EN 10088-4: 2009
	Notified Body	TÜV NORD Systems GmbH & Co. KG, Hamburg, Germany Reg. No. 0045
7	Declared Performance/s:	
Essential Characteristics		Harmonized Technical specification
Tolerances on dimensions and shape		DIN EN ISO 9444-2 EN 10088-4:2009, clause 6.9
Elongation (%)		Minimum 30 (transverse)
Tensile strength (Mpa)		680 to 900
0,2%-proof strength (yield strength) (Mpa)		Minimum 480 (transverse)
Impact strength (Joule)		Minimum 40 (transverse)
Weldability		Covered by chemical composition EN 10088-4:2009, clause 6.3
Durability		Covered by chemical composition EN 10088-4:2009, clause 6.3 & 6.4
Fracture toughness/brittle strength		Covered by impact strength EN 10088-4:2009, clause 6.5.1
Cold formability		Covered by elongation EN 10088-4:2009, clause 6.8
Dangerous Substance		< 100 PPM EN 10088-4:2009, clause 10

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Signed for and on behalf of the manufacturer by:

Nagaraj Kallianpur Nayak
At Jajpur, Odisha on 08.08.2025



Declaration of Performance

According to Annex III of Regulation no. 305/2011

DOP No. JUSL/1.4162/HR/P

Website: www.jindalunitedsteel.com

Sr. No	Performance Particulars	Description
1	Unique identification code of the product-type	Hot-rolled quarto plate, grade EN 1. 4162, according to EN 10088-4:2009
2	Intended use:	Metal structures or in composite metal and concrete structures
3	Manufacturer:	Jindal United Steel Limited Kalinga Nagar Industrial Complex, Duburi Dist-Jajpur, Odisha-755026, India
4	Authorized representative:	HOD Quality Assurance Department Jindal United Steel Limited Kalinga Nagar Industrial Complex, Duburi Dist-Jajpur, Odisha-755026, India
5	System of AVCP	2+
6	Harmonized Standard	EN 10088-4: 2009
	Notified Body	TÜV NORD Systems GmbH & Co. KG, Hamburg, Germany Reg. No. 0045
7	Declared Performance/s:	
Essential Characteristics		Harmonized Technical specification
Tolerances on dimensions and shape		DIN EN ISO 18286 EN 10088-4:2009, clause 6.9
Elongation (%)		Minimum 30 (transverse)
Tensile strength (Mpa)		650 to 850
0,2%-proof strength (yield strength) (Mpa)		Minimum 450 (transverse)
Impact strength (Joule)		Minimum 40 (transverse)
Weldability		Covered by chemical composition EN 10088-4:2009, clause 6.3
Durability		Covered by chemical composition EN 10088-4:2009, clause 6.3 & 6.4
Fracture toughness/brittle strength		Covered by impact strength EN 10088-4:2009, clause 6.5.1
Cold formability		Covered by elongation EN 10088-4:2009, clause 6.8
Dangerous Substance		< 100 PPM EN 10088-4:2009, clause 10

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